

# WEST Search History





DATE: Thursday, April 29, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L31	20001101	22
<input type="checkbox"/>	L30	information near4 ((active or inactive or interrupted or status) near8 session) near8 (user or client) near8 server	54
<input type="checkbox"/>	L29	information near4 ((active or inactive or interrupted or status) near8 session)	587
<input type="checkbox"/>	L28	L27 and (load adj3 balancing)	3
<input type="checkbox"/>	L27	20001101	46
<input type="checkbox"/>	L26	((active or inactive or interrupted or status) near8 session) same (user or client) same (contact or contacting or contacted or communicate or communicating or communicated)same server	129
<input type="checkbox"/>	L25	20001101	0
<input type="checkbox"/>	L24	((active or inactive or interrupted or status) near5 session) near8 (user or client) near8 (contact or contacting or contacted or communicate or communicating or communicated)near8 server	3
<input type="checkbox"/>	L23	20001101	2
<input type="checkbox"/>	L22	((active or inactive or interrupted or status) near5 session) near8 (transmit or transmitting or transmitted) near8 (user or client) near8 server	8
<input type="checkbox"/>	L21	L20 and (load adj3 balancing)	46
<input type="checkbox"/>	L20	20001101	1123
<input type="checkbox"/>	L19	((active or inactive or interrupted or status) near5 session or communication) near8 (transmit or transmitting or transmitted) near8 (user or client) near8 server	2751
<input type="checkbox"/>	L18	20001101	11
<input type="checkbox"/>	L17	((active or interrupted) near5 session) near8 (transmit or transmitting or transmitted) near8 (user or client)	32
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L16	L15 and (active or session)	2
<input type="checkbox"/>	L15	L14 or l13 or l12 or l11 or l10 or l9 or l8	7
<input type="checkbox"/>	L14	6665702.pn.	1
<input type="checkbox"/>	L13	6473791.pn.	1
<input type="checkbox"/>	L12	6658479.pn.	1
<input type="checkbox"/>	L11	6128279.pn.	1
<input type="checkbox"/>	L10	6438652.pn.	1
<input type="checkbox"/>	L9	6327622.pn.	1

<input type="checkbox"/>	L8	6389448.pn.	1
<input type="checkbox"/>	L7	L3 and session	1
<input type="checkbox"/>	L6	L3 and active	1
<input type="checkbox"/>	L5	L3 and ((user or client) near4 (ID or identification or domain or name or address))	1
<input type="checkbox"/>	L4	L3 and ((user or client) near4 (ID or identification or domain or name))	0
<input type="checkbox"/>	L3	L2 or l1	2
<input type="checkbox"/>	L2	6078960.pn.	1
<input type="checkbox"/>	L1	6377975.pn.	1

END OF SEARCH HISTORY

[First Hit](#)   [Fwd Refs](#)

Generate Collection

Print

L31: Entry 17 of 22

File: USPT

Apr 30, 2002

DOCUMENT-IDENTIFIER: US 6381748 B1

TITLE: Apparatus and methods for network access using a set top box and television

Application Filing Date (1):19970502Detailed Description Text (18):

FIG. 4 is a block diagram showing some of the information stored by session manager 214 in server 110. In particular, FIG. 4 shows a session table 410 maintained by server 110 storing information for each user for each active session in progress. Each user entry 414 contains information regarding information from a user and information sent to a user during each session. In this manner, server 110 knows exactly the state of each user during a particular session. This information may be discarded when the session ends. Alternatively, the information may be used by server 110 to develop user profile information for later use.

[First Hit](#)   [Fwd Refs](#)

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L21: Entry 3 of 46

File: USPT

Apr 13, 2004

DOCUMENT-IDENTIFIER: US 6721740 B1

TITLE: Method and apparatus of performing active update notification

Application Filing Date (1):19980605Detailed Description Text (76):

Client-side change management component 302A provides the software mechanism by which changes to data are handled within the respective client. This entails determining which objects within the client are affected by a change and carrying out the change on those objects. Also, the change is propagated to the application server for handling. In one embodiment, changes are abstracted into change objects. The change object, for example, may contain the state of a given data object before a change is applied, as well as the state of the given data object after the change is applied. Custom change objects for specific data classes may be subclassed from general framework change object superclasses. Client-side communication management component 305A is used to transmit a change object to application server 307, or to receive a change object from application server 307.

Other Reference Publication (2):

Ho et al., "An extended CORBA event service with support for load balancing and fault-tolerance", Distributed Objects and Applications, 2000, Proceedings, DOA '00 International Symposium on, pp. 49-58, Sep. 2000.\*



# STIC EIC 2100 Search Request Form

89  
120131

Today's Date:

4/22/04

What date would you like to use to limit the search?

Priority Date: 11/1/2000 Other:

Name NABIL ELHADY  
AU 2154 Examiner # 74743  
Room # SA07 Phone 308-7990  
Serial # 09/702,666

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EP0 JPO ACM IBM TDB

IEEE INSPEC SPI Other

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

The subject is load balancing - A client requesting a service from group of servers gets the service from a specific server according to certain load balancing criteria. Load balancing can be server based or client based. The subject here is client based load balancing, meaning the load balancing is performed at the client side. A client send datagram (message, packet, signal...) to all servers requesting their load (which is continuously determined ~~at~~ stored at each server), each server reply to the client with its load, the client then selects the server with the lowest load to contact.

Attached, my search, the only indep. claim (claim 1)

STIC Searcher

Geoffrey ST. Leger

Phone

308-7800

Date picked up

4/27/04

Date Completed

4/27/04



File 347:JAPIO Nov 1977-2003/Dec(Updated 040402)  
(c) 2004 JPO & JAPIO  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200426  
(c) 2004 Thomson Derwent  
File 348:EUROPEAN PATENTS 1978-2004/Apr W02  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040415,UT=20040408  
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Set	Items	Description
S1	5	AU=BRANDSTETTER K?
S2	0	S1 AND LOAD(3N)BALANC?

File 8: Ei Compendex 1970-2004/Apr W2  
(c) 2004 Elsevier Eng. Info. Inc.  
File 35: Dissertation Abs Online 1861-2004/Mar  
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File 202: Info. Sci. & Tech. Abs. 1966-2004/Feb 27  
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File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 34: SciSearch(R) Cited Ref Sci 1990-2004/Apr W3  
(c) 2004 Inst for Sci Info  
File 99: Wilson Appl. Sci & Tech Abs 1983-2004/Mar  
(c) 2004 The HW Wilson Co.  
File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 266: FEDRIP 2004/Feb  
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File 95: TEME-Technology & Management 1989-2004/Apr W1  
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File 438: Library Lit. & Info. Science 1984-2004/Mar  
(c) 2004 The HW Wilson Co  
File 104: AeroBase 1999-2004/Mar  
(c) 2004 Contains copyrighted material

Set	Items	Description
S1	28289	LOAD? ?(3N)(BALANC? OR SHAR???)
S2	1486	CLIENT()SIDE
S3	2083940	SERVER? ? OR WEBSERVER? ? OR SITE? ?
S4	5310	CLIENT? ?(5W)(REQUEST??? OR POLL???? OR RETRIEV??? OR OBTAIN? OR GET???? OR ACQUIR??? OR ASK??? OR APPEAL? OR CALL??? OR INTERVIEW??? OR SOLICIT? OR INTERROGAT?)
S5	1079	S4(10W)S3
S6	61	S1 AND S5
S7	37	RD (unique items)
S8	20	S7 NOT PY=2001:2004
S9	24	S1 AND S2
S10	16	RD (unique items)
S11	9	S10 NOT PY=2001:2004
S12	42819	(NODE? ? OR TERMINAL? ? OR WORKSTATION? ? OR WORK()STATION? ? OR CLIENT? ? OR PC? ? OR COMPUTER? ?)(5W)(REQUEST??? OR POLL???? OR RETRIEV??? OR OBTAIN? OR GET???? OR ACQUIR??? OR ASK???)
S13	17439	(NODE? ? OR TERMINAL? ? OR WORKSTATION? ? OR WORK()STATION? ? OR CLIENT? ? OR PC? ? OR COMPUTER? ?)(5W)(APPEAL? OR CALL?? ? OR INTERVIEW??? OR SOLICIT? OR INTERROGAT?)
S14	1472	S12:S13(10W)S3
S15	66	S1 AND S14
S16	41	RD (unique items)
S17	21	S16 NOT (S8 OR S11)
S18	3	S17 NOT PY=2001:2004
S19	30	AU=(BRANDSTETTER K? OR BRANDSTETTER, K?)
S20	0	S1 AND S19

File 275:Gale Group Computer DB(TM) 1983-2004/Apr 26  
     (c) 2004 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Apr 23  
     (c) 2004 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Apr 26  
     (c) 2004 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2004/Apr 26  
     (c) 2004 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2004/Apr 26  
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     (c) 2004 McGraw-Hill Co. Inc  
 File 15:ABI/Inform(R) 1971-2004/Apr 23  
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 File 647:CMP Computer Fulltext 1988-2004/Apr W2  
     (c) 2004 CMP Media, LLC  
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     (c) 2004 IDG Communications  
 File 696:DIALOG Telecom. Newsletters 1995-2004/Apr 23  
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     (c) 2004 Reed Business Information Ltd.  
 File 610:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 613:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc  
 File 610:Business Wire 1999-2004/Apr 26  
     (c) 2004 Business Wire.  
 File 613:PR Newswire 1999-2004/Apr 26  
     (c) 2004 PR Newswire Association Inc

Set	Items	Description
S1	59066	LOAD? ?(3N)(BALANC? OR SHAR???)
S2	27103	CLIENT()SIDE
S3	7464113	SERVER? ? OR WEBSERVER? ? OR SITE? ?
S4	120972	CLIENT? ?(5W)(REQUEST??? OR POLL???? OR RETRIEV??? OR OBTAIN? OR GET???? OR ACQUIR??? OR ASK??? OR APPEAL? OR CALL??? OR INTERVIEW??? OR SOLICIT? OR INTERROGAT?)
S5	12346	S4(10W)S3
S6	266	S1(50N)S5
S7	154	RD (unique items)
S8	124	S7 NOT PD>20001101
S9	190	S1(25N)S5
S10	88	S8 AND S9
S11	1175	S4(5W)(DATA OR INFORMATION OR LOAD)(5W)S3
S12	5	S8 AND S11
S13	99	S1(20N)S2
S14	10	RD (unique items)
S15	34	S14 NOT PD>20001101
S16	109606	(NODE? ? OR TERMINAL? ? OR WORKSTATION? ? OR WORK()STATION? ? OR CLIENT? ? OR PC? ? OR COMPUTER? ?)(5W)(REQUEST??? OR POLL???? OR RETRIEV??? OR OBTAIN? OR GET???? OR ACQUIR??? OR ASK???)
S17	142855	(NODE? ? OR TERMINAL? ? OR WORKSTATION? ? OR WORK()STATION? ? OR CLIENT? ? OR PC? ? OR COMPUTER? ?)(5W)(APPEAL? OR CALL??? OR INTERVIEW??? OR SOLICIT? OR INTERROGAT?)
S18	1344680	S3(7N)(DATA OR INFORMATION OR LOAD)
S19	2875	S16:S17(7W)S18
S20	51	S1(50N)S19
S21	35	RD (unique items)
S22	31	S21 NOT (S12 OR S15)
S23	25	S22 NOT PD>20001101



File 347:JAPIO Nov 19 2003/Dec(Updated 040402)

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Derwent WPIX 1963-2004/UD,UM &UP=200426

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Set	Items	Description
S1	7119	LOAD? ?(3N) (BALANC? OR SHAR???)
S2	1455	CLIENT()SIDE
S3	272558	SERVER? ? OR WEBSERVER? ? OR SITE? ?
S4	6589	CLIENT? ?(5W) (REQUEST??? OR POLL???? OR RETRIEV??? OR OBTAIN? OR GET???? OR ACQUIR??? OR ASK??? OR APPEAL? OR CALL??? OR INTERVIEW??? OR SOLICIT? OR INTERROGAT?)
S5	2245	S4(10W)S3
S6	52	S1 AND S5
S7	1	S2 AND S6
S8	10	S1 AND S2
S9	38941	(NODE? ? OR TERMINAL? ? OR WORKSTATION? ? OR WORK()STATION? ? OR CLIENT? ? OR PC? ? OR COMPUTER? ?) (5W) (REQUEST??? OR POLL???? OR RETRIEV??? OR OBTAIN? OR GET???? OR ACQUIR??? OR ASK???)
S10	14287	(NODE? ? OR TERMINAL? ? OR WORKSTATION? ? OR WORK()STATION? ? OR CLIENT? ? OR PC? ? OR COMPUTER? ?) (5W) (APPEAL? OR CALL? ? OR INTERVIEW??? OR SOLICIT? OR INTERROGAT?)
S11	71120	S3(7N) (DATA OR INFORMATION OR LOAD)
S12	1976	S9:S10(7W)S11
S13	25	S12 AND S1

File 348:EUROPEAN PATENT 1978-2004/Apr W02

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File 349:PCT FULLTEXT 1979-2002/UB=20040415,UT=20040408

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Set	Items	Description
S1	8806	LOAD? ?(3N)(BALANC? OR SHAR???)
S2	3513	CLIENT()SIDE
S3	288889	SERVER? ? OR WEBSERVER? ? OR SITE? ?
S4	11411	CLIENT? ?(5W)(REQUEST??? OR POLL???? OR RETRIEV??? OR OBTAIN? OR GET???? OR ACQUIR??? OR ASK??? OR APPEAL? OR CALL??? OR INTERVIEW??? OR SOLICIT? OR INTERROGAT?)
(S5	37	S1(50N)S2